



| Name | Sequence (5'→3') |
|--------------------|--------------------------------------------------------------------------------------------|
| Probe A | b-16A : b-CTAgTAggTgAAgTC (SEQ ID NO: 1) |
| Probe B | P-16B-48 : P-CATAAGAGCCCTAGgCATgCTggTCAAgggCACgCggTTCATCAggAgTCgAAggCAggACg (SEQ ID NO: 2) |
| Target sequence | r-32-fl : CTCTAgggCTCTTATggACTTCACCCTACTAg-fl (SEQ ID NO: 3) |
| Detection sequence | fl-r-48 : fl-CgTCCTgCCTTgACTCCTgATgAACCCgTgCCCCCTTgACCAgCATg (SEQ ID NO: 4) |
| Mutation sequence | fl-neg-r-32AB : fl-TTCTAgAgCTCCTATggACTTGGCCCTACTAg (SEQ ID NO: 5) |

FIG. 9

METHOD OF DETECTING NUCLEIC ACID

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Replacement Sheet

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Nucleotide sequence used in evaluation experiment

F₁GTP+S₁GTPF₁LRG-47+S₁LRG-47

5'-TCCTATATTCAACTgTAATAgCCCgTTCCCT-3' (SEQ ID NO: 6)
 (Mouse γ - derived GTPase family gene, lGTP)

5'-ATTTTCTCTCTgAAAACAATAAAgTCggTTCC-3' (SEQ ID NO: 7)
 (Mouse γ - derived GTPase family gene, LRG-47)

■ Probe A

F₁GTPF₁LRG-47

■ Probe B

S₁GTPS₁LRG-47

SD

ED

D0[GTP=0]

D0[LRG-47=1]

D1[GTP=D1[LRG-47=1]

FIG. 13A

5'-TAATAgCCCCgTTCCCT-3' (SEQ ID NO: 8)
 5'-ATTTTCTCTCTgAAAC-3' (SEQ ID NO: 9)

5'-TAATAAgTCCCgTTCC-3' (SEQ ID NO: 11)

5'-TgAAAGTCACCAACACACAGTACA-3' (SEQ ID NO: 12)

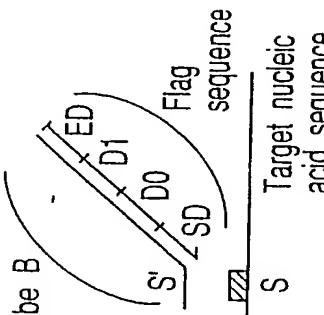
5'-TCTCAGTCCAGTCCATTTCCTTAC-3' (SEQ ID NO: 13)

5'-ACgACgATgAAAAAAACTACggAggAC-3' (SEQ ID NO: 14)

5'-TgAACCCCCAAGTTTAgATCTCAgC-3' (SEQ ID NO: 15)

FIG. 13B

5'-gACAAACACCCCCgAAATACAAACAgC-3' (SEQ ID NO: 16)



Flag sequence

D1

D0

SD

ED

F

S

Flag